

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Samuel M. Freund on 5/19/2010.

The application has been amended as follows:

- (a) Claim 1, lines 5 and 6, REPLACE - - physical binary representation - - TO - - mechanical, electromagnetic or magnetic binary configuration - - .
- (b) Claim 1, line 8, REPLACE - - physical binary representation - - TO - - binary configuration.
- (c) Claim 1, line 10, REPLACE - - physical binary representation - - TO - - binary configuration.
- (d) Claim 12, line 5, REPLACE - - physical binary representation - - TO - - mechanical, electromagnetic or magnetic binary configuration - - .
- (e) Claim 12, line 6, REPLACE - - physical binary representation - - TO - - binary configuration.
- (f) Claim 12, line 8, REPLACE - - physical binary representation - - TO - - binary configuration.

The following is an examiner's statement of reasons for allowance: Applicant's arguments filed on 7/29/2009 in conjunction with the agreed upon Examiner's Amendment of independent claims 1 and 12 better exemplifying the configuration aspect of the invention have been fully considered and are persuasive as to reasons for allowance.

The prior art fails to teach or suggest alone or in combination the limitations of a multifunction circuit board disposed in a slot which has mechanical, electromagnetic or magnetic traits that would allow for a binary configuration therein. Prior art is further silent on motivation to combine such features and functionality and is therefore deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AURANGZEB HASSAN whose telephone number is (571)272-8625. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tariq Hafiz can be reached on 571-272-6729. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AH

/Tariq Hafiz/
Supervisory Patent Examiner, Art Unit 2182